

=> fil casreact

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FILE CONTENT:1840 - 2 Jun 2007 VOL 146 ISS 24

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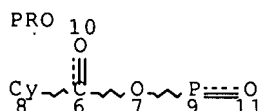
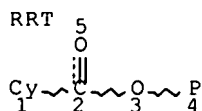
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*****
*
*      CASREACT now has more than 12 million reactions
*
*****
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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que 19

L6 STR



#### NODE ATTRIBUTES:

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CONNECT IS E1 RC AT 1
CONNECT IS E3 RC AT 4
CONNECT IS E1 RC AT 8
CONNECT IS E4 RC AT 9
DEFAULT MLEVEL IS ATOM
GGCAT IS UNS AT 1
GGCAT IS UNS AT 8
DEFAULT ECLEVEL IS LIMITED
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#### GRAPH ATTRIBUTES:

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RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 11
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#### STEREO ATTRIBUTES: NONE

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L8 2 SEA FILE=CASREACT SSS FUL L6 ( 3 REACTIONS)
L9 2 SEA FILE=CASREACT ABB=ON PLU=ON L8/COM
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=> d 19 ibib abs crd tot

L9 ANSWER 1 OF 2 CASREACT COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 108:37955 CASREACT Full-text

TITLE: Bis(benzoyloxy)phosphine oxide from oxidation of bis(benzoyloxy)phosphines with molecular oxygen

AUTHOR(S): Hennig, Heinz Werner; Neu, Peter; Sartori, Peter

CORPORATE SOURCE: Fachgebiet Anorg. Chem., Univ. Duisburg, Duisburg, D-4100/1, Fed. Rep. Ger.

SOURCE: Chemiker-Zeitung (1987), 111(2), 61-3

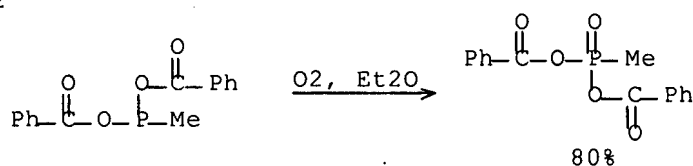
CODEN: CMKZAT; ISSN: 0009-2894

DOCUMENT TYPE: Journal

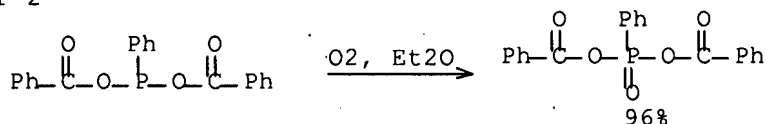
LANGUAGE: German

AB Dibenzoyloxy Me phosphine oxide (I) and dibenzoyloxy Ph phosphine oxide (II) were prepared by oxidation of dibenzoyloxy Me phosphine (III) and dibenzoyloxy Ph phosphine (IV) with mol. O (1H-, 31P{1H}-, 13C{1H}-NMR- and IR-data are given. The occurrence of tervalent P in III and IV is clearly demonstrated by preparation of I and II by oxidation of III and IV with mol. O as well as by their 13C-NMR spectra.

RX(1) OF 2



RX(2) OF 2



ACCESSION NUMBER: 95:115668 CASREACT Full-text

TITLE: Synthesis and stabilization of (benzoyl- and pentafluorobenzoyloxy)diphenylphosphine and comparison with the corresponding isomeric aroyldiphenylphosphine oxides

AUTHOR(S): Lindner, Ekkehard; Wuhrmann, Juan Carlos

CORPORATE SOURCE: Inst. Anorg. Chem., Univ. Tuebingen, Tuebingen, D-7400/1, Fed. Rep. Ger.

SOURCE: Zeitschrift fuer Naturforschung, Teil B: Anorganische Chemie, Organische Chemie (1981), 36B(3), 297-300

CODEN: ZNBAD2; ISSN: 0340-5087

DOCUMENT TYPE: Journal

LANGUAGE: German

AB (Benzoyloxy)- and (pentafluorobenzoyloxy)diphenylphosphines RCO<sub>2</sub>PPh<sub>2</sub> (I; R = Ph, C<sub>6</sub>F<sub>5</sub>) can be obtained by reaction of ClPPh<sub>2</sub> with BzONa and AgO<sub>2</sub>CC<sub>6</sub>F<sub>5</sub>, resp. Oxidation of I (R = Ph) with mol. O yields PhCO<sub>2</sub>PCO(Ph). The complexes (OC)<sub>5</sub>CrPPh<sub>2</sub>O<sub>2</sub>CR are formed by the action of BzONa and AgO<sub>2</sub>CC<sub>6</sub>F<sub>5</sub>, resp. on (OC)<sub>5</sub>CrPPh<sub>2</sub>Cl. The chemical and spectroscopic properties of I are compared with the corresponding aroyldiphenylphosphine oxides.

RX(1) OF 1

